



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

February 29, 1996

MEMORANDUM

TO: John Krause, Bureau of Indian Affairs

FROM: Alisa Wong, Cynthia Sans, and John Hillenbrand, EPA

RE: Duck Valley Work Plan

The following are comments to the draft Work Plan and Field Sampling and Analysis Plan submitted by the Bureau of Indian Affairs (BIA) to the U.S. Environmental Protection Agency, Region 9 (EPA).

Work Plan

The two wells that are contaminated are currently unusable for a source of domestic drinking water supply or for monitoring because of long screens. They are presently a conduit for spreading contamination to lower parts of the aquifer or to other deeper aquifers. Immediately close drinking water well #1 (first priority) and #2 to prevent any further contamination.

Discontinue or reduce the use of drinking water well #3 to prevent the pulling of contaminant toward the two currently clean drinking water wells. According to the water system operator, Nate Bacon, drinking water well #4 does have the capacity to supply the community with all of their drinking water needs.

Match the chemistry of groundwater contaminant with the source area. Sample all petroleum hydrocarbon materials in tanks and well to use as the standard by which groundwater samples will be matched. Original chromatographs of these should be submitted.

Field Sampling and Analysis Plan

Excavation and sampling work should be photographed to give a picture of the contamination and the work being done. Photographs should accompany **biweekly?** updates to work.

Before any excavation occurs, all parts (discharge line, pipeline..etc, should be drained of all waste fluids and solids.

Address disposal...discuss land farming.